

LASEK, W.

"Industrial chrome-tanning com ounds." (p.75) FRIEGLAD SKCRZANY

"Industrial chrome-tanning com ounds." (p.75) FRIEGLAD SKCRZANY

(Centraine Zardy Frzenyslu Gardarskiego, Obuniczego i Artykulc: Skorzanych)

Vol 8 No 3 March 1953

SO: East European Accessions List Vol 3, No 8, August 1954

Lasek Wiktor

POLAND/Chemical Technology - Chemical Products and Their

I-29

Application - Leather. Fur. Gelatin. Tanning Agents.

Technical Proteins.

Abs Jour

Referat Zhur - Khimiya, No 9, 1957, 33123

Author

Lasek Wiktor

Inst Title "Masking Value" as an Index in Analytic Evaluation of

Chrome-Tanning Agents Produced by Reduction of Bichroma-

tes with Organic Compounds.

Orig Pub

: Preege, skorzany, 1954, 9, No 11, 243-249

Abstract

: In the preparation of chrome-tanning solutions by reduction of Cro+ salts with organic compounds, organic acids are left in the solution, which increases the acidity of the solution, and brings about a coordination of the acids in the chrome-complexes, whereby the tanning process is affected. In order to evaluate the action of these

organic acids, a method has been worked out for

Card 1/2

LASEK, W.

LASEK, W. Soviet achievements in the technology of tanning. p. 227. Vol. 10, no. 10, Oct. 1955. PRZEGLAD SKORZANY. Lodz, Poland.

SOURCE: East European Accessions List (FFAL) LC VOL. 5, No. 6 June 1956

IASEK, W.

Proper handling of leather in its processing for shoe uppers in the feetweer industry. p. 265.

PRZEGIAD SEGRZARY. (Centralne Carzady Przemyslu Garbarskiege, Obumniczcze i Artybulow Skorusneh) Lodz, Poland. Vol. 10, no. 11, New. 1955.

Monthly List of East European Accessions (MEAI) IC, Vol. 9, no. 2, Feb. 1999.

Lasek, WiKEON,

POLAND/Chemical Technology - Chemical Products and Their

I-29

Application - Leather. Fur. Gelatin. Tanning Agents.

Technical Proteins.

Abs Jour

: Referat Zhur - Khimiya, No 9, 1957, 33103

Author

: Lasek Wiktor

Inst

: Not given

Title

: Leather Industry Practices in Rumanian People's Republic

Orig Pub

: Przegl. skorzany, 1956, 11, No 6, 156-157

Abstract

: A general description of the state of the leather indus-

try in Rumania.

Card 1/1

COUNTRY : POLAND : Clemical Technology. Chemical Products and Their Amplications. Leather. Fur. Gelatine* CATEGORY ABS. JOUR. : RZANIE., no. 28 195), No. 84521 : Lesek, W.; Michalec, T.; Kazubek, M. AUTHOR INST. TITLE : Chrome Leather With Refined Ton Side ORIG. PUB.: Przegl. skorzeny, 1959, 14, No 2, 50-58; No 3, : Effect of the finishing tanning employing ABSTRACT vegetable and synthetic tanning agents on the physical and chemical properties of chrome Jeather was studied. In the filling up of leather, predestined for finishing and refining of ton side, the best substances for the purnose are extracts of mimosa, neutralized chestnut, quebracho (sulfonated and non sulfenated) and oak; the use of 6% tennides, basis the weight of leather, increases the *Tanning Materials. Industrial Proteins. CARD: 1/2

LASEK, Z.

"Beginning the season at the Bielsko-Biala Aeroclub" p. 131 (Skrzydla I Motor, Vol. 8, no. 9, Mar. 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

KOBIELOWA, Zofia; LASEK-REMBIESOWA, Halina

Is arthrogryposis curable? Polski tygod.lek. 15 no.29:1125-1128 18 J1 '60.

 Z Kliniki Dzieciecej A.M. w Krakowie; kierownik: prof. dr med. Tadeusz Giza. (JOINTS dis)

1. 05132-67 EWT(1) GW

ACC NR: AR6019790

SOURCE CODE: UR/0270/66/000/002/0026/0026

AUTHOR: Larsen, Ya. P.

'B

TITLE: On the possibilities of precision increase of the I and II class leveling

SOURCE: Ref. zh. Geod , Abs. 2. 52.206

REF SOURCE: Sb. Sovrem. dvizheniya zemn. kory. No. 2. Tartu, 1965, 332-337

TOPIC TAGS: geodetic survey, geodetic leveling, geodetic leveling precision, STRATIBRAPHY geodetic marker stability:

ABSTRACT: To increase the precision of repeated leveling for the elucidation of earth surface shift in the zone of future water storage of the Plyavinsky GES, special measures were taken. To decrease the influence of the shift of the markers in ordinary ground, markers with serrations on their sides were used; spiral shape markers were used in soft fluffy ground. In fair weather, the direct and reverse traverses were made at different times of day. Sectional deviations were kept below $2\sqrt{L}$ mm: at larger deviations, both traverses were repeated. Blongated tripods were used to permit upright observation. The 1963 leveling, accomplished with the acceptance of all above measures, gave, precision-wise, satisfactory res 1ts. Translation of abstract

SUB CODE: 08

Card 1/1 mfE

UDC 528.024.187.4

AVGUSTOVSKIY, N.N., inah.; AFREMOVA, S.S., inah.; LASENKO, K.M., inah.

Gas turbine stages with large relief from centrifugal forces. Energomashinostroenie 11 no.7:13-17 Jl '65. (MIRA 18:7)

LASENKO, V.Ye., inzh.; KOLYCHEV, V.A., inzh.

Results and analysis of an experimental investigation of the flew in a Francis turbine. Izv.vys.ucheb.zav.; mashinostr. no.7:73-82 164. (MIRA 17:10)

1. Khar'kovskiy politekhnicheskiy institut.

SHMUGLYAKOV, L.S., doktor tekhn. nauk, prof.; LASENKO, V. Te., inzh.

Profiling of the bledes of rancis-type hydraulic turbine in order to achieve anticavitational characteristics. Izv. vys. ucheb. zav.; energ. 7 no.11:100-106 N '64 (MIRA 18:1)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina. Predstavlena kafedroy gidravlicheskikh mashin.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928710015-8

LASEVA, T.A.

USSR/General Problems of Pathology - Immunity.

T-1

Abs Jour

: Ref Zhur - Biol., No 3, 1958, 12526

Author

: Tefimova, N.P., Laseva, T.A.

Inst

: Not given

Title

: On Selection of a Rational Immunization Scheme in Conformity to Established Principles of Immunogenesis.

Orig Pub

: Zh. microbiol, epidemiol. i immunologii, 1956 (1957),

Abstract

: No abstract.

Card 1/1

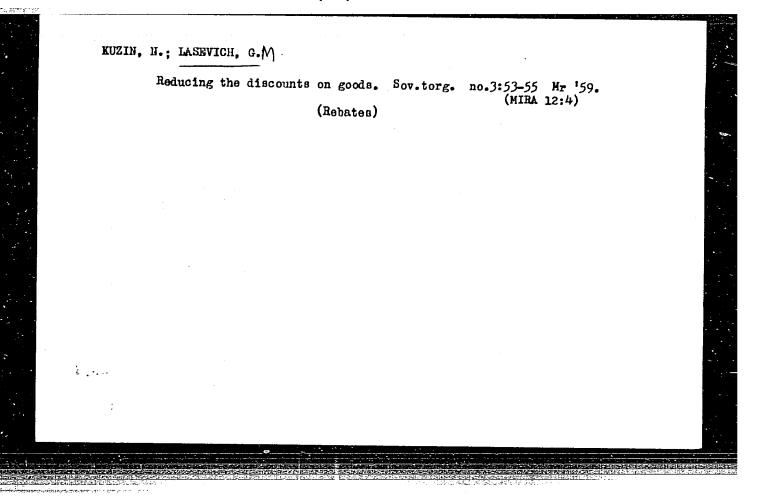
APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928710015-8"

LASEVICH, G

N/5 752.4 .L3

Torgovyye Skidki Na Prodovol'stvennyy I Promyshlennyye Tovary (Trade Discount On Food and Industrial Goods, By) G. M. Lasevich I A. G. Karelov. Pod Red. A. K. Krumina. Moskva, Gostorgizdat, 1954.

115 p. Tables.



LASEVICH, G.M.; MINDEL', L.Sh.; ODINTSOVA, A.M., red.; KIRAKOZOVA, N.Sh., red.; EL'KINA, E.M., tekhn. red.

[Prices for consumers' goods; official documents] TSeny na tovary narodnogo potrebleniia; sbornik materialov. Moskva, Gostorgizdat, 1963. 334 p. (MIRA 16:7)

(Prices)

LASHAKOV, L. N.

USSR/Electronics - Wave Propagation

Peb 52

"Theory of Wave Propagation in an Electron Beam," L. N. Loshakov

"Zhur Tekh Fiz" Vol XXII, No 2, pp 193-202

Attempts to give accurate soln of problem using artificial model. Describes approx theory of electromagnetic wave propagation in wave guide, filled with dielec, in presence of electron beam. It is assumed that electrons move freely along wave guide axis within dielec. Types and peculiarities of waves, capable to propagate in specified system under various conditions, are established under specified assumptions. Thanks Ye. B. Bogdanova for help. Received 23 Apr 1951.

ACC NR: AR6035237 SOURCE CODE: UR/0372/66/000/008/G028/G028

· AUTHOR: Gudyalis, L.; Lashas, A.; Akelis, A.

TITLE: Estimate of tests in the code recognition method

SOURCE: Ref. zh. Kibernetika, Abs. 8G177

REF SOURCE: Sb. Avtomatika i vychisl. tekhn. Vil'nyus, 1965, 15-19

TOPIC TAGS: coding evaluation, pattern recognition, code recognition method

ABSTRACT: In scanning recognition patterns, a code is assigned to each vertical line. The sequence of codes is compared with the reference sequences of all classes of patterns. A block-diagram of the device used with the code recognition method is given. An objective estimate of tests can be expressed in weights for each code x_i. The criterion of evaluation is the amount of information on the presence of pattern y_i as it appears in line k of code x_i.

 $I_{x_l \to y_l} = \log \{P(y_l | x_l)[P(y_l)]^{-1}\}.$

Card 1/2

UDC; 62-506:621.391.193

ACC NR: AR6035237

If $I_{xi} \rightarrow y_j > 0$, i.e., if the test increases the a priori probability of a specific class of patterns, the weight +1 is assigned to this pattern. If $I_{xi} \rightarrow y_j < 0$, the assigned weight is -1, if $I_{xi} \rightarrow y_j \approx 0$, the weight is 0. The information capacity of code x_i in the line k for all classes of patterns y makes it possible to reveal the lines in which the code is most effective. Expressions are given for the information capacity of each code, the information capacity of individual lines and the information capacity of the entire recognition system. Experimental investigations have shown that the middle lines of the left, central and right parts of the pattern possess the greatest information capacity. There are two illustrations and a bibliography of 4 titles. [Translation of abstract]

SUB CODE: 09/

Card 2/2

	AUTHOR: Lashas, A. A.; Vystre TITLE: Electrolytic iron plat		No. 166869 18	E	
	SOURCE: Byulleten' izobreteni	y i tovarnykh zm	akov, no. 23, 196		:
	TOPIC TAGS: iron, electroplating, wear resistant ferrous metal, metal hardness Abstract: A method of electrolytic iron plating is preposed for producing				
	Abstract: A method of electronal coating with increased wear done in an electrolyte contain	resistance and	ing is proposed in hardness where th	or producing a depositing is	1 .
	Ingred	lent	g/1 200-250		1.
iis.		oric acid (potassium)	0.8-1.0		

SOV-120-58-1-31/43

AUTHOR: Lashas, A. V.

TITLE: An Effective Method of Lowering a 100 c/s Background

(Effekt divey) sposob snizheniya fona 100 G Ts)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 1, pp 127-128 (USSR)

ABSTRACT: When electric lamps are supplied by an AC source the light output is subject to pulsation which in photoelectric devices is very undesirable. One of the effective methods of preventing the flicker in the light output is to supply the lamp with a current having a rectangular waveform. Since the heat dissipated is proportional to the square of the current the temperature of the filament will not then change in time. The author has developed a simple circuit (Fig.1) which transforms a sinusoidal current into a current having an approximately rectangular waveform. The circuit consists of two transformers Tpl and Tp2

a resistor R and a condenser C. The transformer Tp2 has a magnetic circuit with a small cross-section so that when the latter is saturated and there is an appreciable resistance in the primary circuit the dependence of the magnetic flux on time is approximately rectangular. When

Card 1/2

SOV-120-58-1-31/43

An Effective Method of Lowering a 100 c/s Background.

this is so the voltage induced in the secondary has a form shown in Fig.2a. If one adds to the voltage of the secondary of the transformer Tp2 the voltage from the transformer Tp1 which leads the former by 130 to 140°, one obtains through the lamp a current which is roughly rectangular in form. The necessary phase difference between the voltages from the two secondaries is obtained by incorporating the condenser C in the primary of Tp2. Oscillograms of the light output from a lamp of type A-18 are shown in Fig.3. As can be seen, the amplitude of the pulsation of the light output is reduced by a factor of 5 to 6 while the frequency of the leading harmonic is increased by a factor of 2, i.e. it is equal to 200 c/s. (Fig.3). There are 3 figures and no references.

ASSOCIATION: Kaunasskiy politekhnicheskiy institut (Kaunas: Polytechnical Institute.

SUBMITTED: May 18, 1957.

1. Alternating current--Control 2. Lamps--Electrical factors

3. Photoelectric cells--Electrical factors 4. Transformers--Circuits

Card 2/2

SOV/119-58-10-4/19

AUTHORS:

Lashas, A. V., Engineer, Hemura, A. A., Candidate of

Technical Sciences

TITLE:

Enlarging the Operational Range of the Frequencies of Photomultipliers (FEU) (Rashireniye rabochego diapazona chastot

fotoelektronnykh usiliteley (FEU))

PERIODICAL:

Priborostroyeniye, 1958, Nr 10, pp 11-15 (USSR)

ABSTRACT:

The main disadvantage of the multiplier FEU consists in its great inertia. Moreover its operation range covers only from

0,1 to 10 cycles.

The transmission function of the whole multiplier is theoretically derived. To make this calculation easier the whole multiplier is divided into typical circuits, and then the functions are determined for the latter. By a superposition of these results the total transmission function is obtained.

By improving the individual term's of the function in an

empirical way the authors achieved:

Card 1/2

1) The use of a gradual correction with an increase of the amplitude - frequency characteristics; by using a positive

SOV/119-58-10-4/19
Enlarging the Operational Range of the Frequencies of Photogultipliers (FET)

feedback the instability of the FEU, can be removed and its operation range can at the same time be extended by the 50-fold.

2) Furthermore the self-excitation can be eliminated. The processes of the extension of the operation range mentioned, the use of the gradual correction, and the elimination of self-excitation may also be employed with other photoelectric and galvanemetric a.c. amplifiers. There are 7 figures and 11 references, 7 of which are Soviet, 3 English and 1 German.

Card 2/2

LASHAS, A.V.; VITENSHTEYNAS, G.A.

Evaluating electric ballistocardiographic methods. Med.prom.12
no.3:27-33 Mr '58.

1. Kaunasskiy politekhnicheskiy institut i Kaunasskiy gosudarstvennyy
meditsinskiy institut.

(BALLISTOCARDIOGRAPHY)

LASHAS, A. V. Cand Tech Sci -- (diss) "Study of the dynamics of photoelectronic compensograph"." Kaunas, 1959, 16 pp with diagrams (Min of Higher and Secondary Specialized Education USSR. Kaunas Polytechnic Inst), 150 copies (KL, 50-59, 127)

-35-

S/120/60/000/01/042/051 E192/E382

AUTHOR:

Lashas, A.V.

TITLE:

A Static Converter of the Frequency of 50 c/s Into

300 c/s

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, Nr 1,

p 135 (USSR)

ABSTRACT: The system described can be used as a simple and

reliable source of audio-frequency. A detailed diagram of the device is shown in Figure 1. This converts the mains current into a sinusoidal current having a frequency of 300 c/s. The operation of the device is based on the application of the non-linear properties of iron cores. A saturated choke (reactor) generates the third current harmonic (see the second oscillogram in Figure 2). The voltage produced by the third harmonic across a linear choke, is applied to a selective circuit consisting of the capacitor C_1 , another choke, the rectifier V and

the resistance R_1 . The capacitance of the condenser C_1

and the inductance of the choke are chosen in such a way that a voltage resonance occurs at 150 c/s. The current

Card1/2

S/120/60/000/01/042/051 A Static Converter of the Frequency of 50 c/s into 300 c/s

in this circuit is illustrated in the third oscillogram of Figure 2. The current flowing in the resistance R contains a pulsating current whose principal harmonic is 300 c/s. This component is selected by means of the second resonant circuit consisting of the capacitor C_2 , the fourth choke and the potentiometer $\,R_2^{}$. The resulting output voltage taken from the potentiometer R_2 (see the lowest oscillogram in Figure 2) is almost sinusoidal and has the frequency of 300 c/s. The stability of the output frequency is dependent on the stability of the mains frequency and is usually better than \pm 0.5%. The output power of the device is of the order of 5 mW. There are 2 figures.

ASSOCIATION: Kaunasskiy politekhnicheskiy institut (Kaunas Polytechnical Institute)



SUBMITTED: December 17, 1958

Card 2/2

LASHAS, A.V. [Lasas, A]; MOTUZA, A.I.

Correcting amplifier for a recording device. Izv. vys. ucheb. zav.; prib. 7 no.1:39-45 '64. (MIRA 17:9)

1. Kaunasskiy politekhnicheskiy institut. Rekomendovana kafedroy avtomaticheskikh i vychislitel'nykh ustroystv.

"APPROVED FOR RELEASE: 06/20/2000 CIA-

CIA-RDP86-00513R000928710015-8

L 33747-66 EWT(d)/T/EWP(1) IJP(c) BB/GG/GD/JXT(BF)

ACC NR: AT6008568

SOURCE CODE: UR/0000/65/000/000/0192/0194

AUTHOR: Bulovas, V. V.; Gudyalis, L. P.; Lashas, A. V.

ORG: none

TITLE: Coding method for the recognition of visual images

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading

devices). Moscow, VINITI, 1965, 192-194

TOPIC TAGS: pattern recognition, character reading equipment, reading machine,

ABSTRACT: A method for coding a relatively small number of images is described. This method converts an image into pulses of a determined series. Each symbol is scanned in two directions and the vertical line of a series is converted into a code which corresponds to a number and sequence of black and white dots of the image. This code is then compared with the standard code and the resulting coincidence of these codes is displayed at the output as a set of lines. The rehability of this method depends upon the correct selection of statistical codes derived from standard printed symbols and the composition of corresponding matrices representing vertical and horizontal lines. In the example, the data of the code frequency and the matrix composition for the number "5" are given. The test shows that out of 1,000 images, 4 were not correctly recognized and 7 were not recognized at all. It is seen that rehability of this method

Card 1/2

L 33747-66

ACC NR: AT6008568

is very good; it does not require accurate centering of reading heads, and is simple compared to other methods and therefore can be used with redundant elements which leads to a further increase in rehability. Orig. art. has: 3 figures, 1 table.

SUB CODE: 09/

SUBM DATE: 09Sep65/

ORIG REF: 002/

OTH REF: 001

Card 2/2 BLG

GUZYAVICHUS, S. [Guzevicius, S.]; LASHAS, L. [Lasas, L.]

Ways of improving the quality of endocrine preparations. Hias.
ind.SSSR 30 no.2:22 159. (MIRA 13:4)

1. Kaunasskiy zavod organopreparatov. (Meat industry-By-products)

LASHAS, V.

Lashas, V. and Kurris, I. "On the problem of the etiology and pathogenesis of shocks and collarses," "On the problem of the initial increase of blood pressure," Trudy med. fak. Kaunassk. un-ta, Vol. I, 1948, p. 37-88. In Lithuanian, Russian abstract - Bibliog: 21 items

SO: U-2883, Letopis Zhurnal'nykh Statey, No. 1, 1949.

LASHAS, V.

Lashas, V. and Kurris, I. "Anaphylactic collarse at the time of experimental shock,"

Trudy med. fak. Kaunassk. un-ta, Vol. I, 1948, p. 89-99. In Lithuanian, Russian abstract

SO: U-2888, Letonis Zhurnal'n th Statey, No. 1, 1949.

LASHAS, V.

<u>Lashas, V.</u> and Vileyshis, A. "Anaphylactic reaction during reduction with large cycle blood circulation," Trudy med. fak. Kaunassk. un-ta, Vol. I, 1948, p. 101-33. In Lithuanian, Russian abstract

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949.

LASHAS, V.L.

Role of the interoceptors in a anaphylactic reaction. Vest.AMN SSSR 17 no.7:68-73 '62. (MIRA 15:10)

1. Kaunasskiy meditsinskiy institut.
(ANAPHYLAXIS) (RECEPTORS--NEUROLOGY)

LASHAS, V.L. [Lasas, V.] (Kaunas)

Transmission of an allergic condition from the mother. Vestm.
Akad. med. nauk SSSR 18 no.4*38-41 '63 (MIRA 17:4)

L 45080-66

ACC NR. AP6027125

SOURCE CODE: UR/0416/66/000/005/0086/0086

11

AUTHOR: Lashch, Yu.

ORG: none

TITLE: Complete utilization of space [on a flatcar]

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 5, 1966, 86

TOPIC TAGS: railway, four axle flatcar, motor vehicle, double axle trailer, rolling stock/M-46 artillery piece, GAZ-51, GAZ-63, GAZ-69 motor vehicles

ABSTRACT: The author describes a space-and money-saving arrangement whereby several GAZ-51, GAZ-63, and GAZ-69 motor vehicles and two special double-axle trailers are placed under the cannon of an M-46 artillery piece and hauled on a four-axle railway flatcar. Orig. art. has: 1 figure. [GC]

SUB CODE: 13, 19/ SUBM DATE: none/

Card 1/1

hlø

LASHCHAK, T. A.

Cand Biolog Sci

Dissertation: "Role of Wood Lice Hemilepistus in the Soil Forming Processes of Desert." 12/6/50

Moscow Order of Lenin State U imeni M. V. Lomonosov

SO Vecheryaya Moskva Sum 71

LASHCHAK,

AUTHORS:

Azimov P., Professor and Lashchak V.N.

3-9-8/31

TITLE:

(also and 3) Higher Education in Soviet Turkmenia (Vyssheye obrazovaniye

v sovetskoy Turkmenii)

PERIODICAL:

Vestnik Vysshey Shkoly, 1957, # 9, pp 26-31 (USSR)

ABSTRACT:

The most backward region of Tsarist Russia was the area inhabited by the Turkmenian people. In 1924 the Turkmenian Soviet Socialist Republic was founded and a rapid economic and

cultural development of the country began.

During the first Five-Year Plan, the Republic achieved considerable success in agriculture and industry. The need for qualified specialists became urgent. A group of institutions was founded: in 1930 the Turkmenian Institute of Agriculture at Ashkhabad, in 1931 the Ashkhabad Pedagogical Institute with faculties of linguistics and literature, natural science and physico-mathematics. In 1932 at the latter the History Faculty was organized, in 1935 the Geographical Faculty, in 1938 the Faculty of Foreign Languages. In 1939 a section of chemistry was created at the Faculty of

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Natural Sciences, and a section for evening and correspondence

courses. From 1935 to 1943 three teachers institutes were

Higher Education in Soviet Turkmenia

3-9-8/31

founded in Turkmenia which were transformed into pedagogical institutes in 1953. In 1932 the Turkmenian Medical Institute was founded at Ashkhabad.

In July 1950, the USSR Council of Ministers decided to organize a Turkmenian university at Ashkhabad. It was founded on the basis of a pedagogical institute, comprising 4 faculties: physico-mathematics, history-philology, geology-geography, and law. In 1952 and 1955 the biological and technical faculties were opened.

About 389 students entered the higher schools in 1932, and more than 1,900 in 1956. More than 11,000 qualified workers were graduated from higher educational institutes since their foundation. There are hundreds of Turkmen women trained in higher educational schools, and more than 16,000 specialists with a higher education work in various branches of the national economy and culture.

At the Ashkhabad Pedagogical Institute under the direction of Professor A.P.Potseluyevskiy, the Chair of the Turkmenian Language was opened, in 1931. Dotsent Kh.M.Bayliyev was his closest collaborator. A new alphabet was created adapted to cyrillic letters.

Card 2/3

Professor M.K. Laptev directing the Chair of Zoology and Botanics at this institute created a scientific research base

Higher Education in Soviet Turkmenia

3-9-8/31

for zoology, where famous researchers and cultural workers collaborated: Professor-Doctor A.K.Rustamov, Candidates of Sciences and Dotsents Kh.N. Kertykov, T.A.Lashchak, F.D.Mukhamediyeva, A.Tashliyev, M.Karayev, O.Nurgel'dyyev, etc.

Important research work is carried out at the Medical Institute, under the direction of Professor N.A.Kevdin and the collaboration of P.L.Smirnov, member of the Turkmenian Academy of Sciences, Dotsent Z.A.Shikhmamedbekov, Dotsent M.G.Berdyklychev, Professor V.Suknev and others.

Investigations of considerable practical value are carried out at the Institute of Agriculture, under Professors V.V. Nikitin, V.A.Kuznetsov, and Z.P.Korniyenko.

There is one photograph.

ASSOCIATION:

The Turkmenian State University imeni A.M. Gor'kiy (Turkmenskiy

gosudarstvennyy universitet imeni A.M.Gor'kogo)

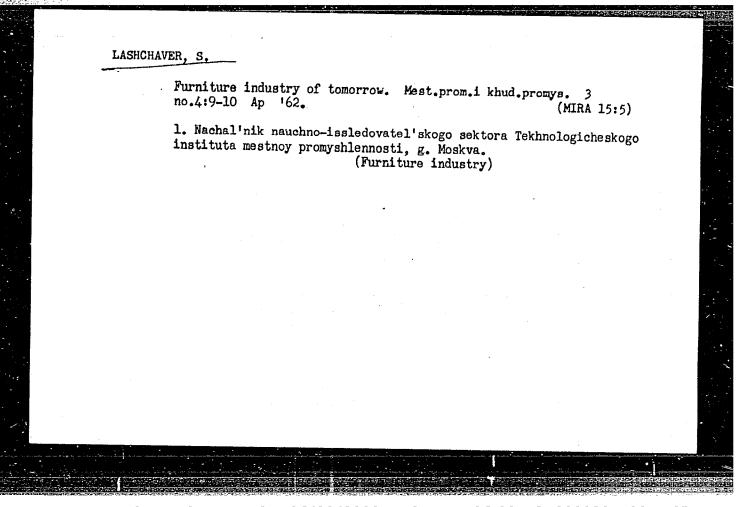
AVAILABLE:

Library of Congress

Card 3/3

ngmer	ming—Gear cutting
Card 1/1	Pub. 128—10/33
Authors	1 Lashchaver, A. A., Cand. Tech. Sci.
Title	: Semi-involute spiral-toothed conic transmissions and method of cutting them
Periodical	: Vest. mash. 34/8, 37-42, Aug 1954
Abstract	The article deals with the problem of cutting teeth in a transmission where a gear, which has teeth with a straightedged profile with normal cut (the sides being bound by conical surfaces), meshes with a pinion with teeth of a curved profile. The geometrical and trigonomical formulas required are developed in detail. Tables; diagrams; drawings.
Institution	
	발매로 발매 보고 말라고 하다. 그는 아이는 아이를 하고 있는 것이 되었다. 그는 그를 하는 것이 되었다. 그는 것이 되었다. 발매 생물을 하는 물론을 하는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다.
nbmitted	医抗毒性病 经支撑的复数 计加工 医前足术 医环状腺 医二甲基甲基氏 医皮肤 医大胆病 医电影 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
Submitted	왕을 받는 한 시간에 가장 보고 있다면 되었다. 경기한 경기 사용 기가 되었다. 이 가격 있었다. 이 기가 있다.

USER/ Engine	ering - Industrial processes
Card 1/1	Pub. 104 - 5/20
Authors :	수요한 그는 사람들이 보고 있다면 하는 사람들이 되었다. 그는 사람들이 되었다면 하는 것이 없는 것이 없습니 없는 것이 없습니 없는 것이 없습니
Title 1	Small scale cutting of spiral-toothed conical wheels
	제, 회생 이 등 하는 이 그를 가장 살았다. 그리는 점이 가득하는 그를 가장하는 것이 가득하는 것 같아. 그는 그를 가장 하는 것이 되었다.
Pariodical ;	Stan. i instr. 26/3, 16-20, Mar 1955
Pariodical :	Stan. i instr. 26/3, 16-20, Mar 1955 Announcement is made of the development of two methods for double bilateral cutting of small module spiral-toothed conical wheels with teeth of equal height. The advantages of such transmission wheel cutting methods are stated. Two USSR references (1954). Graphs; illustrations.
	Announcement is made of the development of two methods for double bilateral cutting of small module spiral-toothed conical wheels with teeth of equal height. The advantages of such transmission wheel cutting methods are stated. Two USSR references (1954).
Abstract :	Announcement is made of the development of two methods for double bilateral cutting of small module spiral-toothed conical wheels with teeth of equal height. The advantages of such transmission wheel cutting methods are stated. Two USSR references (1954).



LASHCHAVER, Solomon Moiseevich:

LASHCHAVER, Solomon Moiseevich: The drilling and grooving machine worker. Moskva, Gos.

izd-vo mestnoi promyshl. 1944. 32 p. (Vypomoshch' nachinaiushchim rabochim mestnoi

TJ1160.L27

promyshlennosti). (51-54154).

LASHAVER, S.M.; SIUTSKIY, S.B.

Furniture making in specialized factlries. Der.prem. 5 no.3:25-27 Mr 156. (Furniture industry) (MIRA 9:7)

LASHCHAVER, S.M. inzh.

Efficient organization of cutting out and working of wood for box boards. Der. prom. 7 no.2:12-15 T '58. (MIRA 11:1)

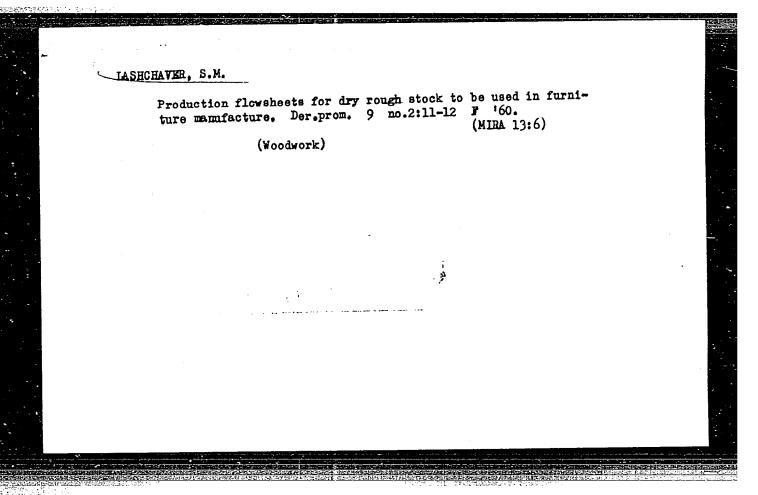
1. Moskovskiy lesotekhnicheskiy institut. (Woodwork)

LASHCHAVER, Sergey Mikhaylovich; NIKOLAYEV, Leonid Nikolayevich;
OBRAZTSOV, S.A., red.; MOROZOV, Yu.V., red.izd-va; BACHURINA,
A.M., tekhn.red.

[Sawmill practices in foreign countries] Lesopil'naia promyshlennost' zarubezhnykh stran. Moskva, Goslesbumizdet, 1959.

(MIRA 13:12)

(Sawmills)



LASHCHAVER, S.M.; POPOV, N.V., red.

[Measures for the specialization of the furniture industry in Vladimir Province] Meropriiatiia po spetsializatsii mebel'noi promyshlennosti Vladimirskoi oblasti. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovanii po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1964. 28 p. (MIRA 18:5)

LASHCHAVER, S.M. SLUTSKIY, M.B., nauchn. red.; POPOV, N.V.,

[Specialization of the furniture factories in the Karelian S.S.R.] Specializatella mebelinykh predprihatil Kareliakkoi ASSR. Moskva, TSentr. nauchmedisel. in-t informatelli tekhniko-ekon. issledovanit po lesnoi, tselliulozno-bumazhnela derevoobrabatyvaluenahel premyshl. i lesnomu khoz., 1964. 32 p. (MIRA 18:5)

LASHENE, Ya. [J. Lasiene] (Kaunas); YANKYAVICHYUTE, Yu. [Jankeviciute, J.] (Kaunas); STALIORAYTITE, Ye. [Stalioraityte, E.] (Kaunas); LYUTKUS, L. [Liutkus, L.] (Kaunas)

Classification and terminology of tumor processes of the hematopoietic system (hematoklastomatosis). Arkin. pat. 25 no.3:26-29 163.

1. Iz kafedry patologicheskoy anatomii (zav. - dr. med. nauk Ya.I. Lashene) Kaunasskogo meditsinskogo instituta.

16.6500

32482 5/044/61/000/010/048/051 C111/C222

AUTHOR:

Lashchenikov, B.Ya.

TITLE:

The application of the trigonometric interpolation in the

problems of constructing mechanics

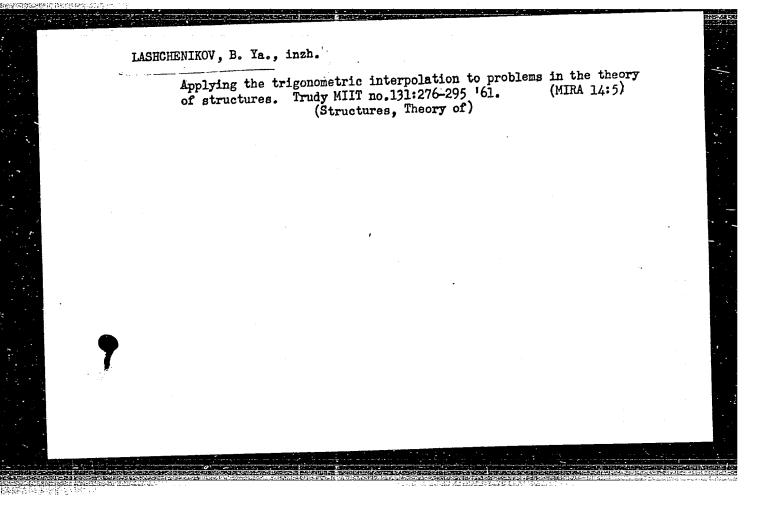
PERIODICAL: Referativnyy zhurnal. Matematika, no. 10, 1961, 46, abstract 10 V 271. ("Tr. Mosk. in-ta inzh. zh.-d. transp.",

1961, vyp. 131, 276-295)

The author gives the application of the trigonometric interpolation to the graphical-analytic calculation of vibrations of bars and stability of bars as well as to the numerical solution of the differential equations of constructing mechanics with the aid of integration or differentiation matrices. He considers the possibility to replace the Lagrange polynomials by trigonometric interpolation polynomials. It is pointed out that here the extent of the calculations becomes less, that, however, in the calculation of the differentiation matrix the surface matrix must be calculated firstly. [Abstracter's note: Complete translation.]

Card 1/1

CIA-RDP86-00513R000928710015-8" APPROVED FOR RELEASE: 06/20/2000



LASHCHENIKOV, B.Ya., aspirant

Determining the frequency of the oscillations of a rod with an arbitrary rule for changing mass and rigidity. Trudy MIIT no.134:24-53 '61. (MIRA 15:5)

(Elastic rods and wires)

lashchenikov, B.Ya., aspirant

lumerical determination of displacements and speeds in an elastic system with one degree of freedom when acted upon by brief loading. Trudy MIIT no.134:101-108 '61. (MIRA 15:5) (Elastic plates and shells)

LASHCHENIKOV, B.Ya., inzh.

Using an integral matrix in solving differential equation of the stability of a compressed plate with variable cross section. Trudy MIIT no.164:36-40 '63. (MIRA 18:3)

LASHCHENIKOV, B. Mand, tekhn, nauk

Using the method of forces in calculating the stability of elastic systems of varying rigidity. Trudy MIIT no.?

Using the integral matrix method in the case of discontinuous and generalized functions. Tbid.:123-128 (MIRA 18:1)

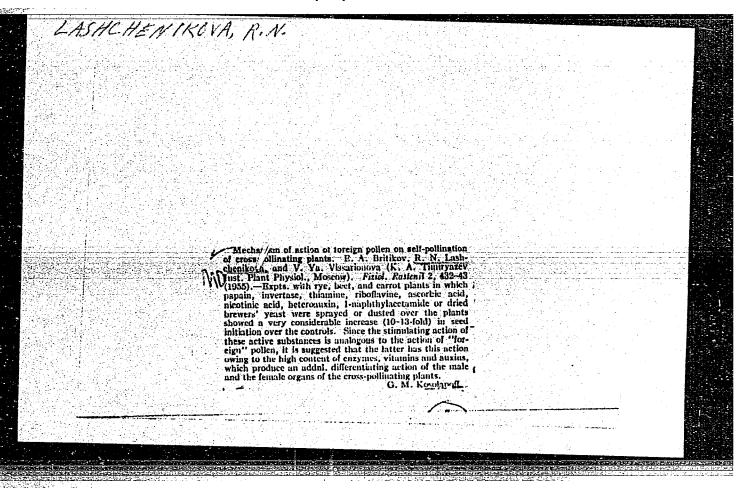
Use of the power method when solving problems of the stability of elastic systems. Stroi.mekh. i rasch.socr. 7 no.5:28-32 165.

(MIRA 18:10)

SMIRNOV, Anatoliy Filippovich, doktor tekhn. nauk, prof.;
ALEKSANDROV, Anatoliy Vasil'yevich; SHAPOSHNIKOV,
Nikolay Nikolayevich; LASHCHENIKOV, Boris Yakovlevich;
RABINOVICH, I.M., doktor tekhn. nauk, prof., retsenzent;
OSIPOVA, E.M., red.; ZUBKOVA, M.S., red.

[Calculating structures by using computing machines; a manual for colleges] Raschet sooruzhenii s primeneniem vy-chislitel'nykh mashin; uchebnoe posobie dlia vuzov. [By] A.F.Smirnov i dr. Moskva, Stroiizdat, 1964. 379 p.

(MIRA 18:2)



LASHCHENKO, M.H., dotsent, kandidat tekhnicheskikh nauk; SLAVIN, M.Ya., kandidat tekhnicheskikh nauk, dotsent, otvetstvennyy redaktor; AISTGV, H.H., doktor tekhnicheskikh nauk, professor, retsenzent; HEDA, P.K., inzhener, retsenzent; KAPLAH, M.Ya., redaktor; PULIKINA, Ye.A., tekhnicheskiy redaktor

[Reinforcing metal structural elements] Usileneie metallicheskikh konstruktsii. Leningrad, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 154 p. (MLRA 7:10)
(Building, Iron and steel)

BONGARD, E.M.; LASHCHENKO, N.S.

Characteristics of the course of food poisoning caused by granosan. Vop. pit. 22 no.6:46-52 N-D '63.

(MRA 17:7)

1. Iz klinicheskogo otdela (zav. - prof. S.I. Ashbel')

[Gor'kovskogo nauchno-issledovatel'skogo instituta gigiyeny
truda i professional'nykh bolezney.

SMUROVA, Ye.I.; ROGOVAYA, T.Z.; TROITSKIY, S.A.; LASHCHENKO, N.S.; MEL'NOKOVA, N.D. (Gor'kiy)

Industrial hygiene and the state of health of workers at enterprises using high-frequency currents. Gig. truda i prof. zab. 6 nd.5:22-28 My 162. (MIRA 16:8)

1. Gor'kovskiy nauchno-issledovatel'skoy ihstitut gigiyeny truda i professional'nykh bolezney.

(INDUSTRIAL HYGIENE)

(ELECTROMAGNETIC FIELDS-PHYSIOLOGICAL EFFECT)

LASHCHENKO, N.S. (Gor'kiy)

Dynamics of toxic changes in the cardiovascular system in chronic intoxications with organic merculry compounds. Gig. truda i prof. zab. no.11:23-29 %1. (MIRA 14:11)

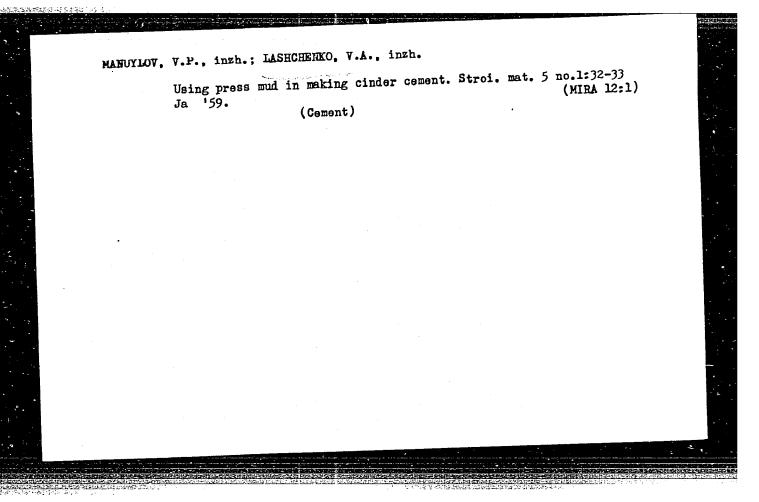
1. Gor*kovskiy nauchno-issledovatel*skiy institut gigiyeny truda i profbolezney.

(MERCURY COMPOUNDS—TOXICOLOGY) (CARDIOVASCULAR SYSTEM—DISEASES)

LASHCHENKO, V.A.

Chemical method of determining the activity of cement.
TSement 29 no.5:11-13 S-0 '63. (MIRA 16:11)

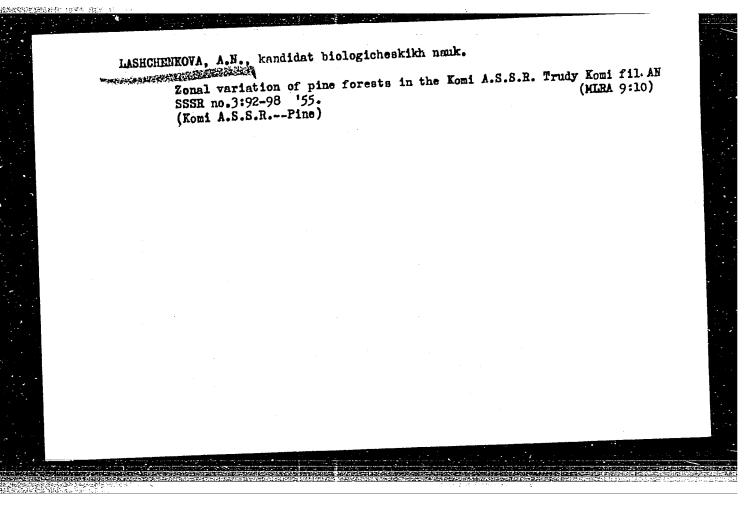
1. Trest "Cherkasszhilstroy."



LASHCHENKOVA, A. N.

"The Pine Forests in Komi ASSR." Cand Biol Sci, Inst of Botany imeni V. L. Komarov, Acad Sci USSR, Leningrad, 1955. (KL, No 13, Mar 55)

SO: Sum No. 670, 29 Sep 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)



TOLMACHEV, A.I.; BOLOTOVA, V.M.; DEDOV, A.A.; LASHCHENKOVA, A.N.; SHOLENINOVA, T.P.; GARNOVSKIY, K.V., red. izd-va; VINOGRADOVA, N.F., tekhn. red.

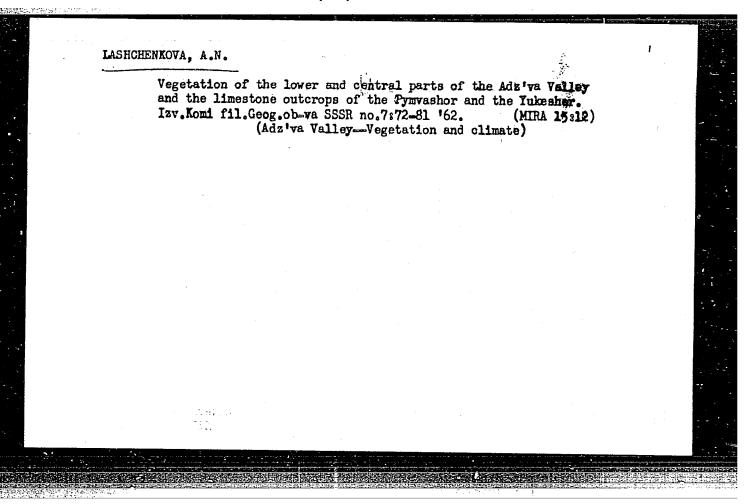
[Classification key of higher plants of the Komi A.S.S.R.] Opredelitel' vysshikh rastenii Komi ASSR., Meskva, Izd-vo Akad. nauk SSSR, 1962. 356 p. (MIRA 15:7)

(Komi A.S.S.R..-Botany-Classification)

LASHCHENKOVA, A.N.

In memory of Andrei Alekseevich Dedov (1902-1964). Bot.zhur. 50 no.7:1028-1030 Jl 165. (MIRA 18:11)

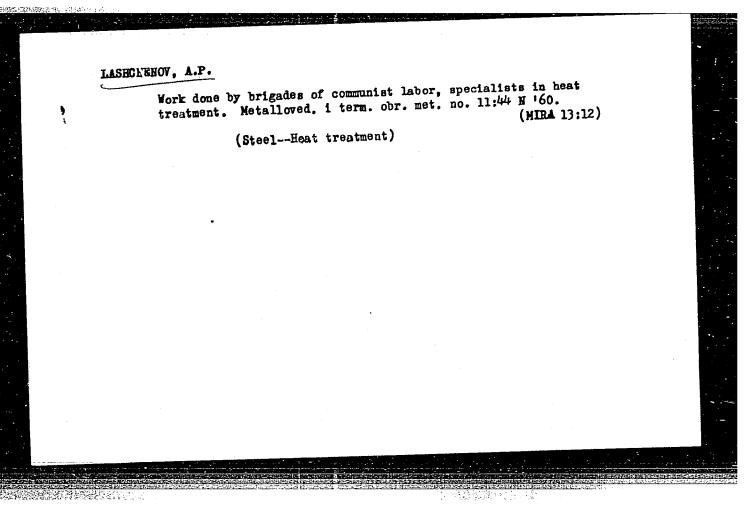
1. Komi filial AN SSSR, gorod Syktyvkar.



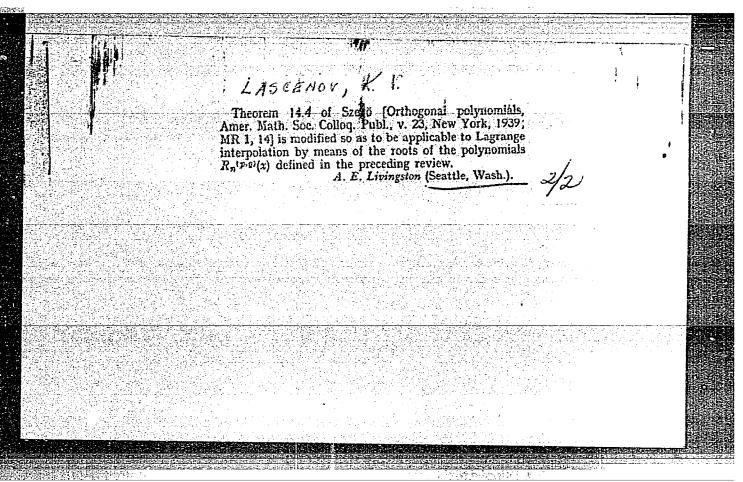
LASHCHENKOVA, A.N.

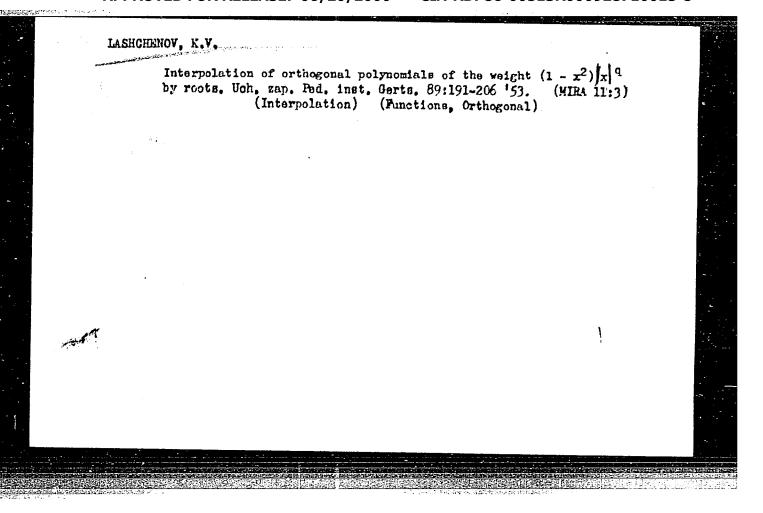
Flora of the up ried rocks in the Mezenskaya Pizhma Valley. Bot. zhur. 50 no.3:418-420 Mr 165. (MIRA 18:5)

1. Komi filial AN SSSR, gorod Syktyvkar.



122A5HC	PHENOV, K-V,	
	Lascenov, K. V. On a class of orthogonal polynomials. Leningrad. Gos. Ped. Inst. Uč. Zap. 89 (1953), 167–189. (Russian) The polynomials	
	$R_n^{(p,q)}(x) = a_n x^n + \alpha_{n-2} x^{n-2} + \cdots + (a_n \neq 0, p > -1, q > -1)$ orthogonal over the interval $[-1, 1]$ with respect to the weight function $(1-x^2)^p x ^q$, are constant multiples of $P_m^{(p,q-1)/2}(2x^3-1)$, $n=2m$, $xP_m^{(p,q-1)/2}(2x^2-1)$, $n=2m+1$, $P_j^{(p,q)}(t)$ being the classical Jacobi polynomial of degree jwith parameters α and β . This paper is a detailed derivation of the above fact, followed by a transformation to the polynomials $R_n^{(p,q)}(x)$ of the known recurrence formula, differential equation, bounds, convergence theorems, and distribution of zeros for the Jacobi polynomials $[G]$. Szegő, Orthogonal polynomials, Amer. Math. Soc. Colloq. Publ., v. 23, New York, 1939; chap. 4; MR 1, 14]. A. E. Livingston.	
	Lascenov, K. V. On interpolation with the roots of orthogonal polynomials of weight $(1-x^2)^p x ^q$. Leningrad. Gos. Ped. Inst. Uč. Zap. 89 (1953), 191–206. (Russian)	





OLESNEVICH, M.M., inzh.; LASHCHRNOV, I.V., inzh.

Using magnetic treatment devices for high-hardness water. Bezop.truda v prom. 7 no.2:22-23 F 163. (MIRA 16:2)

1. Upravleniye Luganskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Watter—Softening)

25764 s/044/60/000/004/005/006 0111/0333 AUTHOR: Lashchenov, K. V. TITLE: On a multiplicative method for separating the singularities in numerical integration Referativnyy zhurnal, Matematika, no. 4, 1960, 162, PERIODICAL: abstract 4611. (Uch.zap. Leningr. gos. ped. in-ta im. A. J. Gertsena, 1958, $\underline{183}$, 151-177)_b TEXT: The author considers the integral $\bar{\int} \phi(x) \ dx$, where $\phi(x)$ possesses singularities on the integration interval, where $\varphi(x) = w(x)f(x)$, with w(x) a nonnegative function containing all the singularities of $\varphi(x)$, while f(x) is sufficiently smooth. In order to calculate approximatively the integral the author recommends the Gaussian quadrature formula $w(x) f(x) dx \approx \sum_{k=1}^{n} A_k f(x_k)$ (1)Card 1/2

Abstracter's note: Complete translation.]

25764

Card 2/2

LAYINCHUK, N.S., inzh.; LASHCHENOV, S.Ye., inzh.

Block diagram of the automatic control of the erushing cycle, resliging the maximum throughput. [zv.vys.uchab.zav.;gor.zhur. 7 nc.9:159-163 164.

1. Nauchno-issledovatel skiy institut Kurskoy magnitnoy anomalii. Rekomendovana Vsesoyuanoy konferentsiyey po avtomatizatsii.

EWP(1)/ETC(m) JD/WW/DJ EPF(c)/EWP(r)/T/EWP(r)/EWP(h	
WOST ALL NKI APSOTEDA	
INVENTOR: Kaspiyev. S. F.; Balabanov. A. H.; Kragel'skiy, I. V.	
ORG: none	
friction country for testing roller bearings	
friction couples for wear in high vacuum or in space. Class 42,	
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 83	
TOPIC TAGS: tost stand, performance test, space chamber test,	
ABSTRACT: This Author Certificate presents	
consinting of the stand contains to the stand contains	
a mechanism for measuring the friction mountain loading of bearings.	
the toward of the warden Rear an alone	
couples, and the main drive shaft to the shaft with the tested friction Cord 1/2 UDC: 620.178.16.05:621-233.2(201)	-
233.2(201)	

about the rotation axis of the drive shaft. The casing which turns with a device which permits it to turn in case of jamming and to separation of the idler gear from the driving gear. To prevent an accidental return to meshing position, the rotary casing may be connected to the SUB CODE: IE/ SUBN DATE:	L 6286-66 ACC NR: AP5026801 driven gears on the s the stand by the jamm gear is connected wit gears. The shafts of	spindles. To ling of one of the driven	prevent sto	pping all	the spine	iles of	
SUB CODE: IE/ SUBM DATE A 22.	about the rotation ax with a device which prelease the idler gearston of the	is of the driermits it to r from the dri	ars are set ve shaft. turn in cas iving gas	in a cas The casin e of jamm	ing which g is provi	idler turns ded	
	SUB CODE: IE/ SUBM I	DATE: 22Jan64	orig rep	71 000/	OTH REF	[04]	

LASHCHENOV, V. D. PA 61T94 USSR/Petroleum Industry Mar 1948 011 Production *Correlation of Productive Horizons of Oil Deposits of the Il'sko-Kholmsk Region According to Quality of the Oil," V. D. Lashchenov, 2 pp "Neftyanoye Khozyaystvo" No 3 Complicated structure of this area makes it almost impossible to give correct complete analysis of deposit structure from core samples taken by electrical means. To supplement data of this type, author suggests method of correlation of quality of oil taken from various wells in area in order to give a hore perfect picture of productive horizons of deposit.

ACC NR. AT6036634

SOURCE CODE: UR/0000/66/000/000/0339/0339

AUTHOR: Senkevich, Yu. A.; Lashchenova, V. A.; Kotova, I. N.

ORG: none

TITLE: Effect of altered gravitation on vascular reflexes in the caretid-sinus zone [Paper presneted at the Conference on Problems of Space Modicine held in Moscow from 24-27 May 1966]

SOURCE: Konforentaiya po problemam kosmichoskoy moditsiny, 1966. Problemy kosmichoskoy meditsiny. (Problems of space medicine); materialy konforentsii, Moscow, 1966, 339

TOPIC TAGS: vascular roflex, carotid sinus, vascular lumen, cardiovascular system, space physiology, blood circulation, biologic acceleration effect

ABSTRACT:

There can be no doubt that pressure and chemoreceptive mechanisms of the carotid-sinus zone play a very important role in regulating blood circulation in general and arterial pressure in particular. Many authors have noted a reduction and distortion of reflexes from this zone due to extreme factors such as shock, hemorrhage, etc. It has also been noted that accelerations cannot be withstood as well if impulsation from the carotid-

Card 1/2

CIA-RDP86-00513R000928710015-8

ACC NR: AT6036634

sinus zone is cut off.

The work is based on the hypothesis concerning the specific role of the carotid sinus zone in maintaining adequate circulation during changes in the gravity vector and the action of acceleration. The effects of clamping both carotid arteries, of relaxing of sinuses of Hering's nerve by electrical stimulation, and of injecting of cytitone and hypertonic sodium-chloride solution were tested in acute and chronic experiments performed on dogs. Changes in the gravity vector were obtained by means of a tiltable. Acceleration stress was produced by subjecting dogs to transverse accelerations of 9 G.

It was found that changes in the gravity vector and to an even greater extent the effect of accelerations caused a significant diminution and distortion of the reflexes indicated. There is reason to assume that acceleration results in a change in the functional condition of the receptor organs in the carotid-sinus zone.

[W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2

Morphology of the thebesian vessels of the right ventricle in emphysems of the lungs and atherosclerosis. Izv.AN Latv.SSR no.2:100-104 '63. (MIRA 16:4) (EMPHYSEMA, PULMONARY) (ARTERIOSCLEROSIS) (CARDIAC VEIN)

Fat embolism of the thebesian vessels. Biul. eksp. biol. i med. 50 no. 11:41-46 n '60. (MIRA 13:12) 1. Iz kafedry patologicheskoy anatomii (zav. - prof. S.P. Il'inskiy) Rizhskogo meditsinskogo instituta. (CORONARY HEART DISEASE) (FMBOLISM)

LASHCHEVKER, M. V.: SIGAL, PROF. A. M.

Blood Vessels-Inflammation

Thromboangitis obliterans and electrocardiographic changes. Prof. A. M. Sigal, M. V. Lashchevker. Terap.arkh. 24 No. 2 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, SEPTEMBER 1952. UNCLASSIFIED.

- 1. LASHCHEVKER, M. V.
- 2. USSR (600)
- 4. Electrocardiography
- 7. Clinical significance of so-called partial electrocrd'ograms. Klin. med. 30 no.10. 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

LASHCHEVKER, M.V.

Management of convalescents in sanatoria and health resorts following myocardial infract. Vop.kur., fizioter. i lech.fiz.kul't. no.4:32-37 O-D '55. (MIRA 12:12)

1. Iz kardiologicheskoy kliniki (zav. prof. A.M. Sigal) Ukrainskogo nauchno-issledovatel skogo instituta kurortologii (dir. - dotsent A.V. Sokolov)

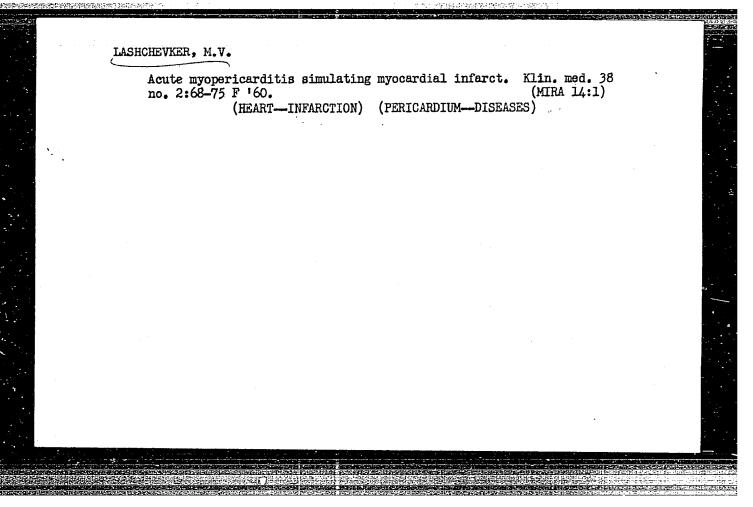
infarct)

(MYOCARDIAL INFARCT,
convalescence, management in heart resorts)
(HEALTH RESORTS,
management of convalescence after myocardial

LABMCHEVER, M.V., dotsent

Case of congenital complete atrioventricular block. Pediatriia 37 no.7:84-85 J1 59. (MIRA 12:10)

1. Iz bol'nitsy Stalinskogo rayona Odessy (zav. elektrokardiograficheskim kabinetom - dotsent M.V.Iashchevker). (HEART BLOCK, in inf. & child, AV block, congen. complete (Rus))



LASHCHEVKER, V. M. (Odessa, ul. Lenina, d. 31, kv. 4)

Thrombosis of the axillary and subclavian vein (Paget-Schroetter syndrome). Nov. khir. arkh. no.3:30-33 62. (MIRA 15:4)

1. Khirurgicheskoye otdeleniye (zav. - V. V. Pen'kevich) 1-y Belgorod-Dnestrovskoy bol'nitssy Odesskoy oblasti.

(SHOULDER-BLOOD SUPPLY) (THROMBOSIS)

Diagnosis value of examining peritoncal exudates in acute pancreatitis. Khirurgiia 39 no.11:21-25 N '63. 1. Iz khirurgicheskogo otdeleniya (zav. - prof. B.Ye. Frankenberg) 1-y Odesskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach A.S. Teslik).

Antihistamines in the treatment of acute pancreatitis. Vest. khir. 92 no.6:25-28 Je '64. (MIRA 18:5)

1. Iz khirurgicheskogo otdeleniya (zav. - prof. B.Ye. Frankenberg) 1-y Odesskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach - A.S. Teslik).

LASHCHEVKER, V.M.

Psychic disorders in acute pancreatitis. Zhur. nevr. 1. psikh. 65 no.3:434-437 '65. (MIRA 18:4)

1. Khirurgicheskoye otdeleniye (rukovoditel'-- prof. B.Ye. Frankenberg) 1-y Odeaskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach A.S. Tealik).

LASHCHEVSKIY, I.M.; MAYDAKOV, L.N.

Formation of rectifiers using the self-needs transformer. Elek. i tepl. tiaga 6 no.12:17 D 162. (MIRA 16:2)

1. Remontno-revizionnyy tsekh energouchastka No.3 Oktyabriakoy dorogi.

(Klectric railroads—Current supply) (Klectric railroads—Substations)

